APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Production of Dicalcium Phosphate and Ammonium Nitrate by the Nitric Acid Decomposition of Phosphates, by F. G. Margolis et al.

RUSSIAN, per, Khim Prom, [redacted], No 1, pp 26-31. 1956

ATS RJ-1705

Sci - Chem

Jul 59

90,869

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Chromatographic Methods for Thorough Purification of Zinc and Cadmium Salts for the Preparation of Luminophors, by A. M. Gurvich, T. B. Gapon, M. Rabinovich, 7 pp.

RUSSIAN, per, Khim Prom, No 1, pp 31-34, 1956.

Assoc. Tech Serv 99J15R

Sci - Chem
Aug 58

70,497

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Inorganic Polymers, by A. A. Berlin, V. P. Parini.

RUSSIAN, per, Khim Prom, Vol I, No 1, 1956, pp 44-51.

GB/55/616

Sci
Dec 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Bereskow, G. K. and Slynko, M. G.
CATALYTIC PURIFICATION OF GASES FROM OXYGEN. [1963] 6p (figs omitted)
Order from OTS, SLA, or BTC $1.10 TT-63-20383

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1956, no. 2, p. 69-77. (Abstract available)

DESCRIPTORS: Gases, *Purification, *Oxygen, *Hydrogenation, *Catalysts, *Nickel catalysts, *Palladium catalysts, *Platinum catalysts, Reaction kinetics, *Towers (Chemistry), Design.

The article contains a revue of catalysts, kinetic mechanism, methods of calculation of contact-apparatus, and technological schemes of processing for removal of oxygen from gases by catalytic hydrogenation. (Author)

(Engineering--Chemical, TT, v. 11, no. 3)

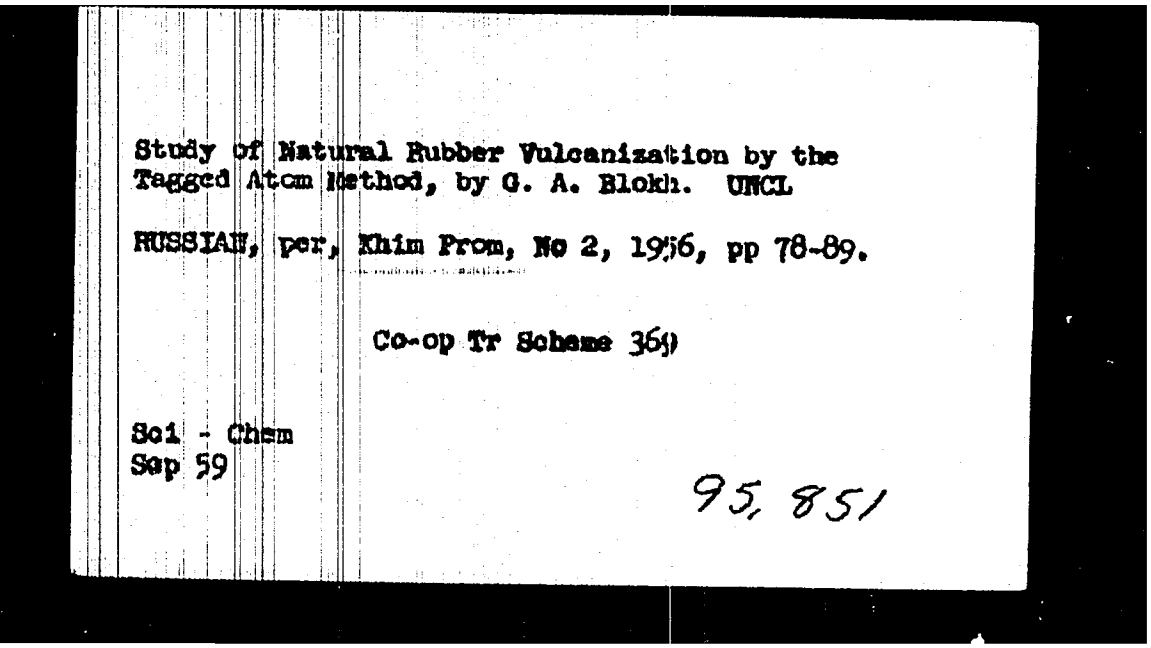
TT-63-20383

I. Bereskow, G. K.
II. Slynko, M. G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Study of Natural Rubber Vulcanization by the Tagged Atom Method, by G. A. Blokh. UNCL

RUSSIAN, per, Khim Prom, No 2, 1956, pp 78-89.

Co-op Tr Scheme 369

Sci - Chem
Sep 59

95, 851

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Method of Calculation of the Movement of Free-Flowing Materials in Rotary Kilns, Particularly Soda Kilns, by N. M. Boguslavskiy.

RUSSIAN, per, Khim Prom, No 2, 1956, pp 89-97.

DSIR LLU RTS 1504
SLA 60 -23630

Sci - Engr

Aug 60

122,532

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

15 359 Fr-1

DILMAN V. V., DAROVSKIKH E. P., et al.

Hydraulic drag of grid-type and hole-type trays

Résistance hydraulique des plateaux à grilles et à trous

Khim. Prom., 1, No. 3, 28-33 (1956)

R. 1187 - (See TP 427 - "TB", 1, 3) - French

Euratom

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Hydraulic Resistance of Grid and Perforated Trays, by V. V. Sil'man, E. P. Darovskikh, and others, 11 pp.

RUSSIAN, per, Khim Prom (USSR) No 3, 1956, pp 156-161.

Assoc Tech Serv
3426F.

Sci - Chem
May 59
OTS, V I, No 6

86,326

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Determining and Selecting Processes for the Preparation of Urea-Formaldehyde Resins, by A. A. Blagonravova, Z. M. Meshcheryakova, G. A. Levkovich, M. V. Kazantseva, 4 pp.

RUSSIAN, no par, Khim Prom, No 5, 1956, pp 280-283, Encl to IR-1162-57, 12 Feb 1957, AFOIN-1A1.

AF 1076915

Sci - Chemistry

45, 499

Mar 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Ushatinskii, N. A., Golub, S. I., and Bukshtein, V. M.
PREVENTING THE FORMATION OF DEPOSITS IN THE EVAPORATION OF SODIUM SULPHATE SOLUTIONS. [1961] [13]p. 3 refs. [DSIR LLU] M.2833.
Order from OTS or SLA $1.60 61-23252

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1956, no. 6, p. 324[?].

DESCRIPTORS: *Sodium compounds, *Sulfates, Solutions, Evaporation, *Deposits, Countermeasures.

As a result of experimental studies the design of a double-effect evaporation system was worked out and recommended for use in sulphate factories; the system was made up of forced-circulation evaporators (without salt separators) operating continuously with by-pass of solution together with crystals from effect to effect, and output of finished product in the form of a slurry from the last effect to a centrifuge. The feed to the system, consisting of mother liquor from the dissolv- . (Chemistry--Physical, TT, v. 6, no. 6) (over)

61-23252

I. Ushatinskii, N. A.
II. Golub, S. I.
III. Bukshtein, V. M.
IV. DSIR LLU M.2833

176648

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

An Investigation of the Effect of Softeners on the Action of Fillers in Rubber Compounds, by A. E. Segalevich, 12 pp.

RUSSIAN, no per, Khim Prom, No 6, 1956, pp 333-338, Encl to IR 1255-57, AFOIN-1A1.

AF 1083488

46,819

Sci - Chemistry
Apr 1957 CTS/dax

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Hydrocyclones, Their Construction and Design, by S. Z. Kagan.

RUSSIAN, Zer, Khim Prom, No 6, 1956, pp 347-358. (Abridged Translation).

DSIR LLU M. 1421
SLA 60-4330

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Question of Utilization of Polymer Materials on the Basis of P. V. C. for Production of Means for Individual Protection From Radioactive Radiation by M. N. Shteding, et al.

RUSSIAN, per, Khim Prom, No 7, 1956, pp 408-412.

Co-op Tr Sch Tr 427

Sci - Chemistry
Mar 58

S-9, 342

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

S-2945

The Theoretical Plate and Transfer Units, by V. F. Stafnikov.

RUSSIAN, per, Khim Prom, No 7, Oct/Nov 1956, pp 423-425.

14/11/57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Production of Sulphuric Acid by the Wet Contact Process, by A. G. Amelin.

RUSSIAN, per, Khim Prom, No 8, 1955, /
~~GB-114-No-112~~, pp 453-457.

ASLIB - GB 114 No 112

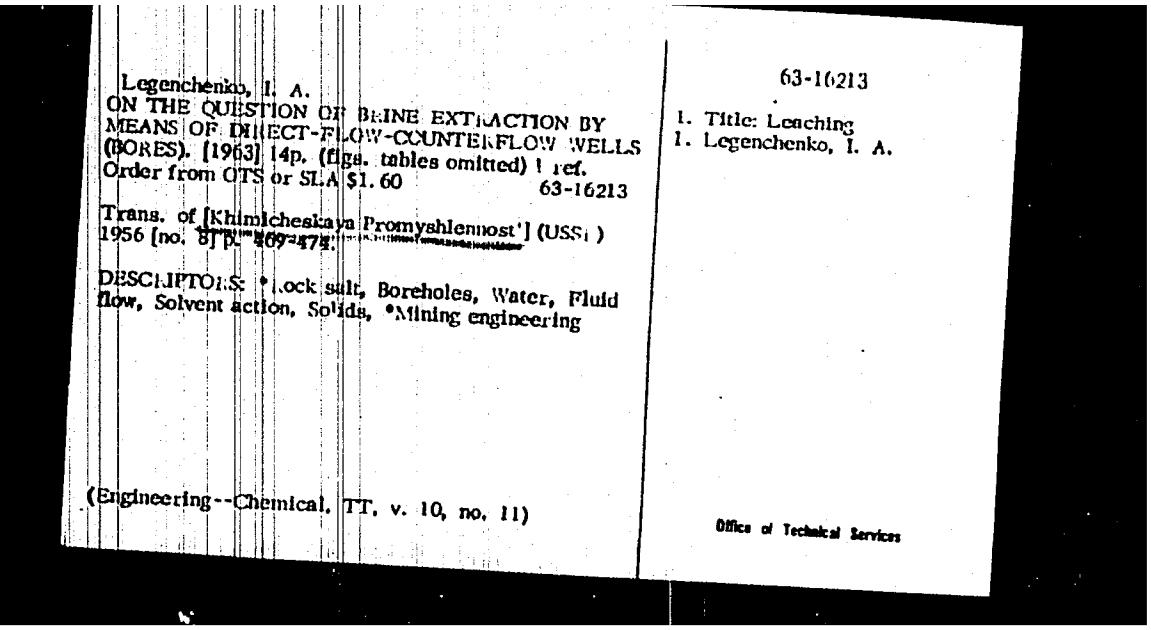
Sci

Aug 58

69, 779

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Legenchenko, I. A.
ON THE QUESTION OF BRINE EXTRACTION BY MEANS OF DIRECT-FLOW-COUNTERFLOW WELLS (BORES). [1963] 14p. (figs. tables omitted) 1 ref. Order from OTS or SLA $1.60 63-16213

Trans. of [Khimicheskaya Promyshlennost'] (USSR) 1956 [no. 8] p. 469-473.

DESCRIPTORS: *Rock salt, Boreholes, Water, Fluid flow, Solvent action, Solids, *Mining engineering

(Engineering--Chemical, TT, v. 10, no. 11)

63-16213

1. Title: Leaching
I. Legenchenko, I. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

S-2945

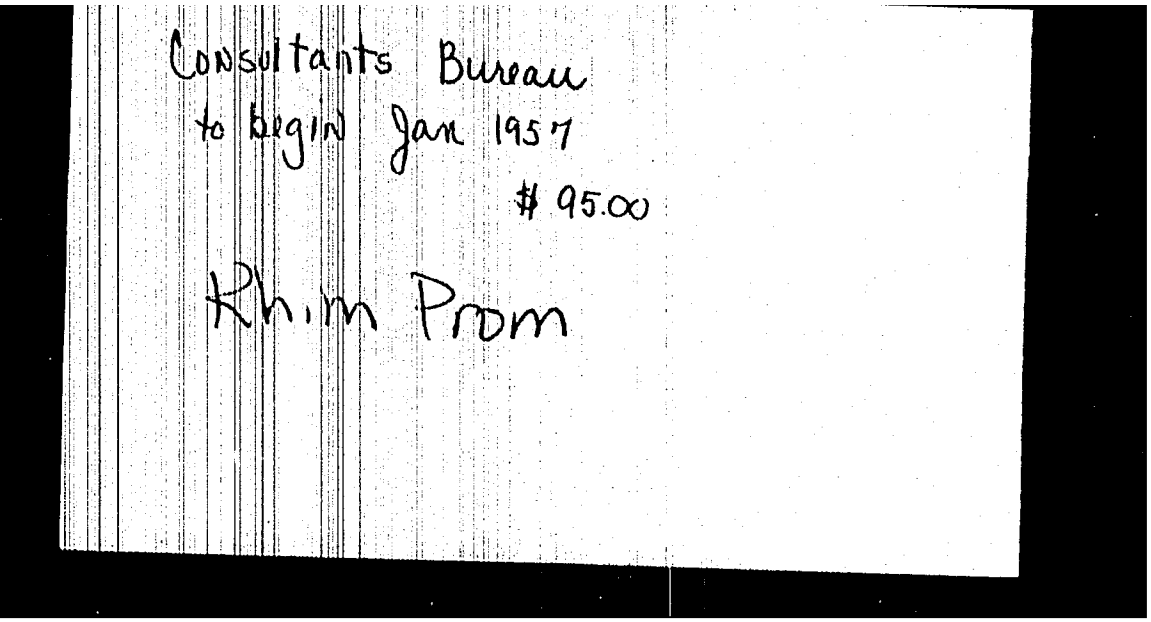
The Hydraulic Resistance of Latticework and Perforated Plates, by V. V. Dil'man, E. P. Darovskikh, M. E. Aerov, L. S. Aksel'rod.

RUSSIAN, per, Khim Prom, 1956, pp 1954-1961.

14/11/57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

New Method for the Improvement of Apatite Production by F. N. Belash, N. S. Ul'yanov, 6 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 13-15.

SLA 60-17710

Sci

129,413

OTS, Vol IV, No 3

Sep 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Reaction of Aromatic Sulfonic Acids With Aqueous Solutions of Alkalies Under Pressure, by N. N. Vorozhtsov, Jr, 8 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 15-19.

ATS 89M41R
ATS/RJ-2596

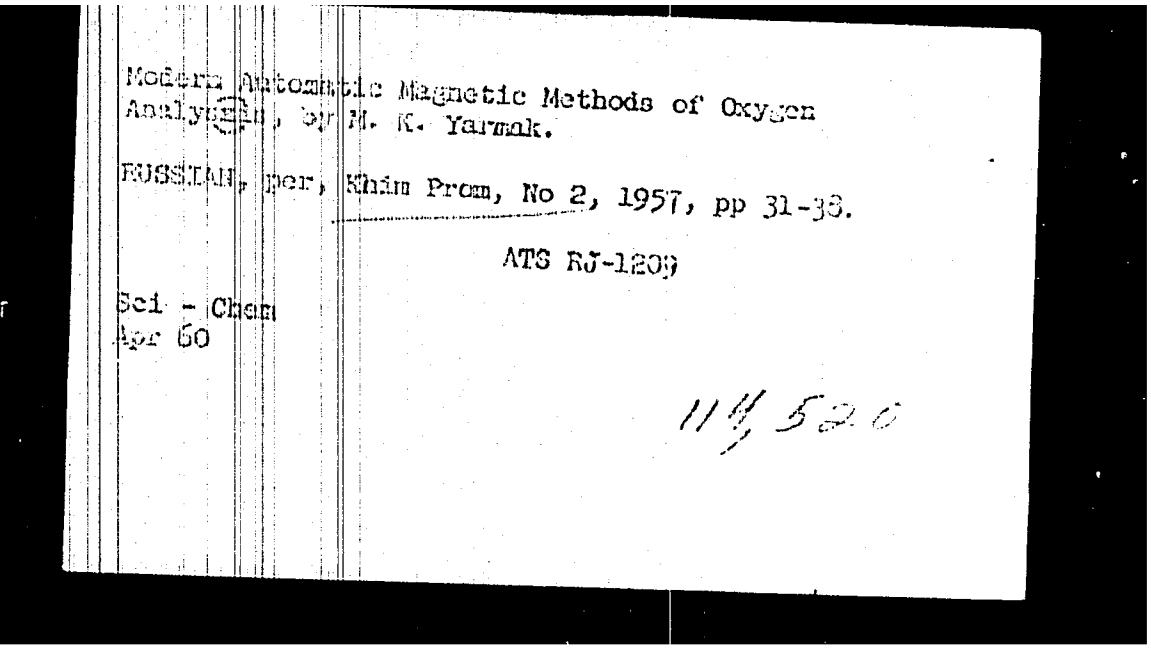
Sci - Chem

Oct 60

129,773

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Modern Automatic Magnetic Methods of Oxygen Analysis, by M. K. Yarmak.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 31-33.

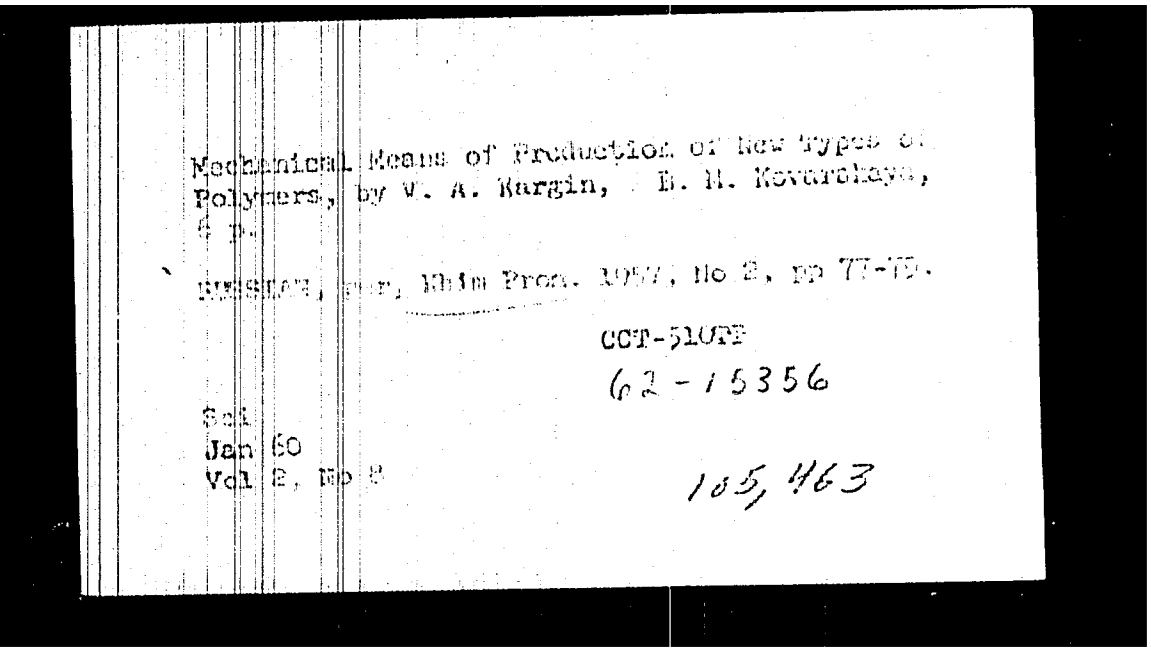
ATS RJ-1209

Sci - Chem
Apr 60

114520

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Mechanical Means of Production of New Types of Polymers, by V. A. Kargin, E. N. Kovarskaya, 4 p.

Russian, Plast. Mass Prom. 1957, No 2, pp 77-79.

CCT-51077

62-15356

Sci
Jan 60
Vol 2, No 3

105,463

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Kafarov, V. V. and Podoima, V. D.
APPRECIATION DE L'EFFICACITE DES MELANGEURS MECANIQUES POUR LES PROCESSUS DE DISSOLUTION, tr. by Budzik. 7 Nov 60 [24]p. 10 refs.
CEA Trans. no. R 1054 (text in French).
Order from OTS or SLA $2.60 61-19607

Trans. in French of Khim[icheskaya] Promyshl[ennost'] (USSR) 1957, no. 2, p. 86-91.

DESCRIPTORS: *Stirrers, *Mixtures, Particles, Solubility, Effectiveness

(Engineering--Chemical, TT, v. 6, no. 7)

61-19607

I. Kafarov, V. V.
II. Podoima, V. D.
III. CEA-tr-R1054
IV. Commissariat à l'Energie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Production of Gas for the Manufacture of Synthetic Ammonia, by A. G. Lobachev.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 108-116.

ATS RJ-1284

Sci - Chem
Apr 60

114,563

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Hydraulic Resistance and Thickness of the Film in Reverse Flow of a Liquid Under the Action of a Gas in Vertical Tubes, by B. F. Konobeyev.

RUSSIAN, per, Khim Prom, No 3, 1957, pp 38-41.

NLL M.4283

Sci - Fuels

193,904

Apr 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Intensification of the Process for the Production of Copper Sulphate, by B. D. Stepin.

RUSSIAN, per, Khim Prom, No 3, 1957, pp 47-48.

NLL M 8877

Sci - Phys
Mar 63

[redacted]
224, 284

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Automation in the Production of Sulphuric Acid,
by L. I. Markov. USCL

RUSSIAN, per, Khim Prom, No 3, 1957,
pp 129-132.

DSIR LLU RTS 1046

10s. 0d.

Sci - Chem
Nov 59

100,771

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Conditions for Intensifying the Process of Styrol Polymerization to Obtain Simultaneously Polymers of Predetermined Properties, by S. M. Arbitman, Sk et al. UNCL

RUSSIAN, per, Khim Prom, No 4, 1957, pp 193-200.

Co-op Tr Scheme 550

Sci - Chem
Mar 59

82,043

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Epoxy Lacquer Resins, by M. F. Sorokin, 22 pp.

RUSSIAN, per, Khim Prom, No 5, Jul-Aug 1957, pp 5h-61.

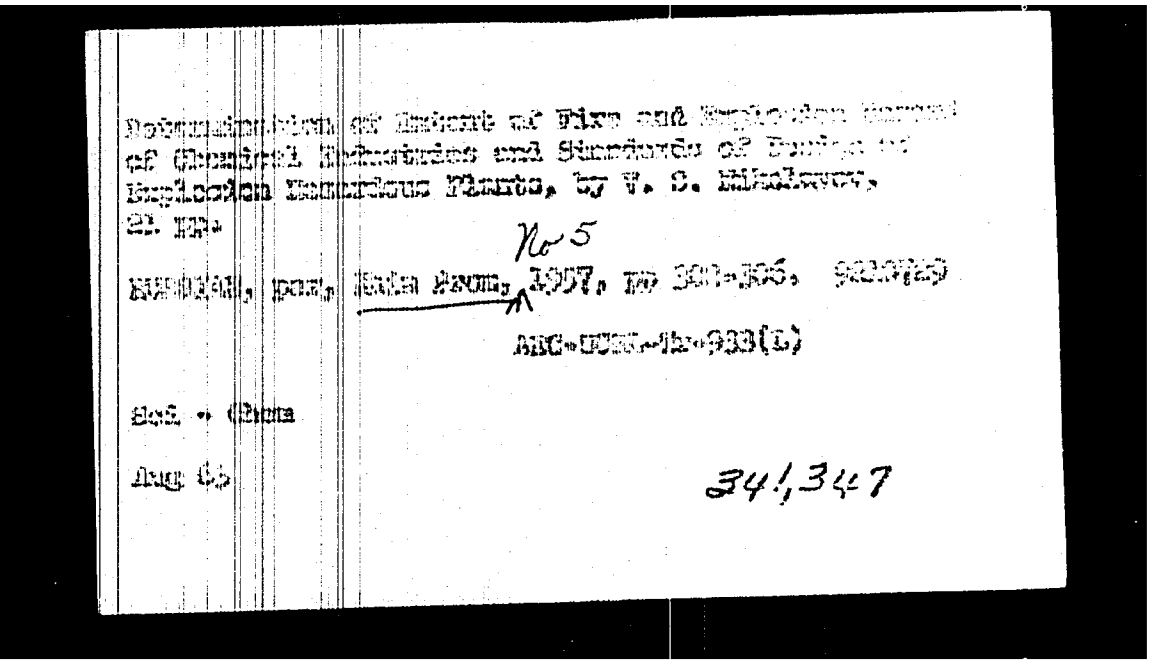
ATIC NCL F-TS-9851/III

Scl
Jun 61

152,279

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Determination of Amount of Fire and Explosion Hazard of Chemical Mixtures and Standards of Design to Explosion Hazardous Mixts, by V. S. Mikolayev, 21 pp.

No 5

Moscow, pub, Gos Khim, 1957, pp 281-305, 9230165

AEC-tr-4b-933(c)

Bot + Chem

Aug 65

341,347

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Hydrocyclones, Their Construction and Design,
by S. Z. Kagan.

RUSSIAN, per, Khim Prom No 6, 1956, pp 2 -38.

NCB A 1569

Sci

Jan 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Butyrous Rubbers and Their Technical Properties, by A. E. Kalaus, et al. UNCL

RUSSIAN. per, Khim Prom, No 6, 1957, pp 333-342.

*DSIR/TCL 106

Sci - Chem
Mar 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Properties of Piperylene Polymers. by I. A. Livshits, S. I. Il'ina, V.N. Reikh. 11 pp.

RUSSIAN, per. Khim Prom. No 6, 1957, pp [redacted].

ATS 35J19R

342 - 346

ATS RJ-1075

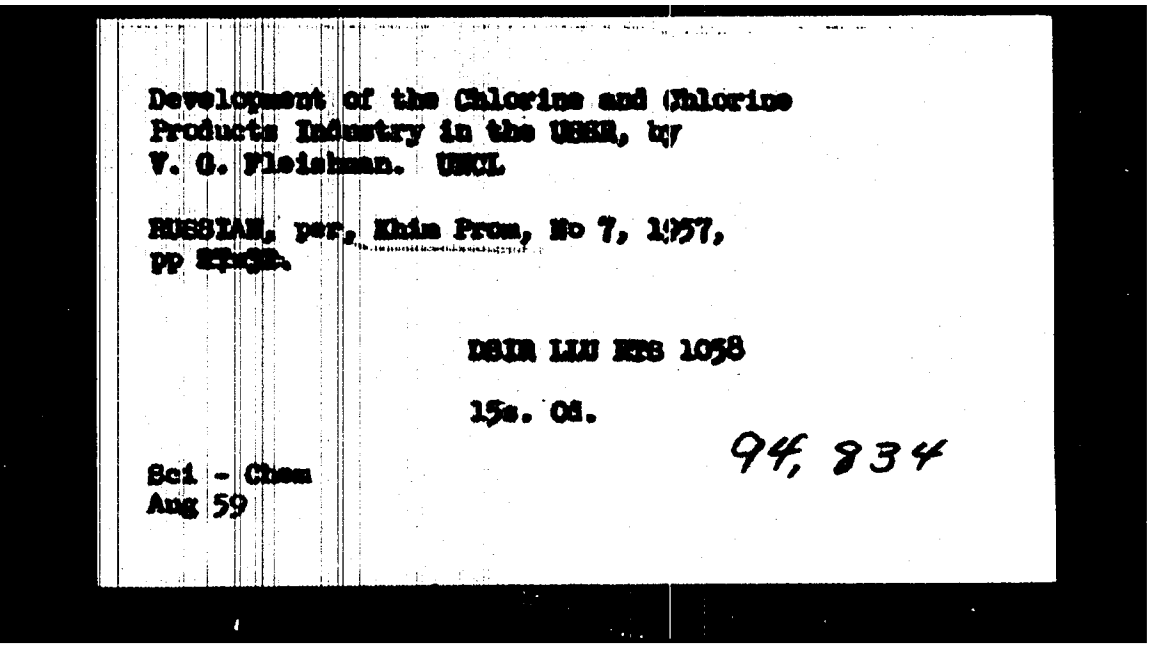
Sci

Jul 59

92,680

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Development of the Chlorine and Chlorine Products Industry in the USSR, by V. G. Fleishman. USCL

RUSSIAN, per, Khim Prom, No 7, 1957, pp [illegible]

DSIR LIB RES 1058

15s. Od.

94, 834

Sci - Chem
Aug 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Chemical Means of Plant Protection, by N. N. Mel'nikov, M. Rokhlin, 12 pp.

RUSSIAN, per, Khim Prom, No 7, Moscow, Oct/Nov 1957, pp 417-421.

US JPRS/DC-L-974

Sci - Chemistry

75, 766

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Specification for the Model of a Vertical Chlorine Cell Incorporating a Filter Diaphragm, by E. V. Mulin.

RUSSIAN, per, Khim Prom, No 7, 1957, pp 602-604.

CSIRO

Sci - Engr
Oct 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Gukhman, B. S. and Matrosova, N. S.
A PORTABLE ELECTRIC, PGF TYPE GAS ANALYZER FOR DETERMINING COMBUSTIBLE GASES AND VAPORS IN AIR [Perenosnyi Elektricheskii Gazoanalizator Tipa dlya Opredeleniya Goryuchikh Gazov i Parov v Vozdukhe] tr. by Donald C. Rich. 22 Jan 62 [14]p. AOMC Trans. nr 6-62.
Order from OTS or SLA $1.60 62-19001

Trans. of Khimicheskaya Promyshlennost' (USSR) 1957 [no. 8] p. 489-493.

DESCRIPTORS: Portable, *Electrical equipment, Design, *Gas analysis, Combustion, *Gases, *Vapors, Galvanometers.

(Engineering--Chemical, TT, v. 9, no. 11)

62-19001

I. Gukhman, B. S.
II. Matrosova, N. S.
III. AOMC Trans-6-62
IV. Army Ordnance Missile Command, Redstone Arsenal, Ala.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Recovery of Phosphate From Obolus Sandstones by Flotation, by L. I. Stremovsky.

RUSSIAN, per, Khim Prom, 1958, pp 476-481.

MLL M. 4889

Sci - Phys

Aug 62

201.172

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Oxidative Chlorination of Aliphatic Hydrocarbons and the Oxidation of Hydrogen Chloride, by Ya. P. Choporov.

RUSSIAN, per, Khim Prom', No 2, 1958, pp 16-20.

CSIRO

Sci - Chem
Jul 62

204,927

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Tests on Producing Acetylene by Electrical Cracking of Natural Methane in a Scaled-Up Unit, by M. M. Kremin,

RUSSIAN, per; Khim Prom, No 2, 1958, pp 73-80.

AFB RJ-2219

Sci - Chem

May 60

115 471

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Choporov, Ya. P.
OXIDATIVE CHLORINATION OF ALIPHATIC HYDROCARBONS AND OXIDATION OF HYDROGEN CHLORIDE (Okislitelnoe Khlorirovanie Alifaticheskikh Uglevodorodov i Okislenie Khloristogo Vodoroda). [1961] 12p. 65 refs.
Order from OTS or SLA $1.60 62-10722

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1958 [no. 2] p. 80-84.

DESCRIPTORS: *Hydrocarbons, Ethylenes, *Hydrochloric acid, Oxidation, *Chlorination, Bibliography.

The oxidative chlorination reaction of aliphatic hydrocarbons is only possible at high temperatures where the inhibiting effect of oxygen is removed and the necessary rate of the bimolecular reaction is attained. The high temperature itself causes a significant oxidation of the hydrocarbon to be chlorinated; this gives (Chemistry--Organic, TT, v. 8, no. 7) (over)

62-10722

1. Choporov, Ya. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Mechanical Carry-Over of Liquid by Vapour in Evaporator, by N. I. Gel'perin, V. B. Kogan.

RUSSIAN, per, Khim Prom, No 2, 1958, p 96.

CSIRO

Sci - Chem

Jun 61

156,938

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

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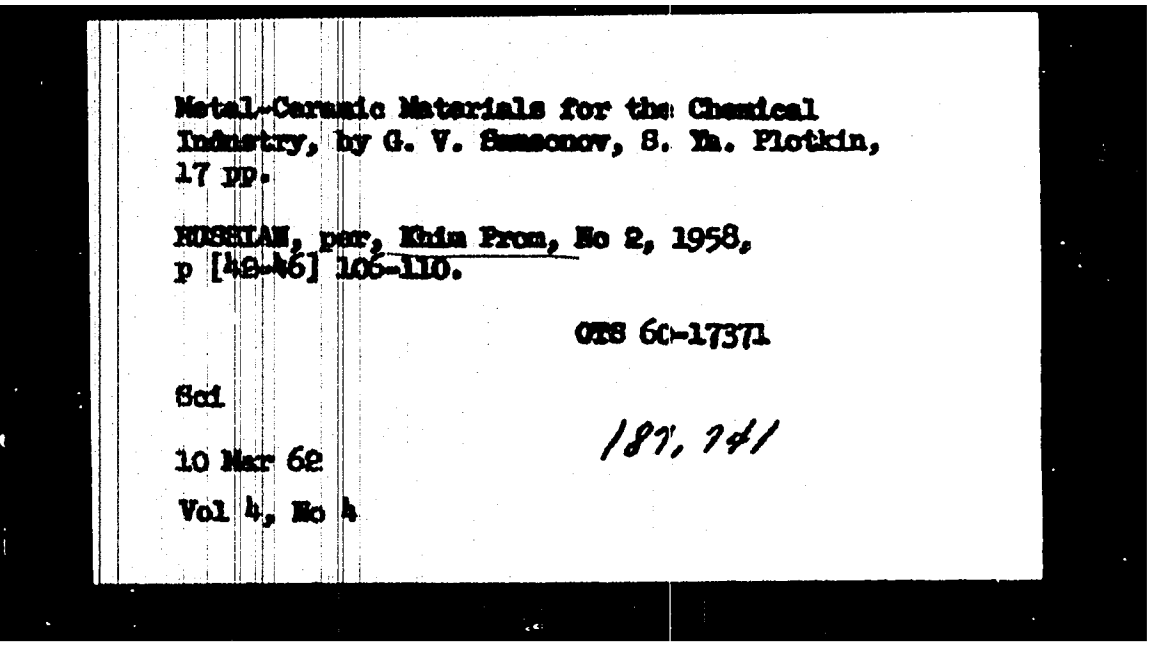

Metal-Ceramic Materials for the Chemical Industry, by G. V. Samsonov, S. Ya. Plotkin, 17 pp.

RUSSIAN, per, Khim Prom, No 2, 1958, p [42-46] 106-110.

OTS 60-17371

Sci

10 Mar 62

Vol 4, No 4

181, 741

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Intensification of the Process for the Production of Copper Sulphate, by B.D. Stepin.
RUSSIAN, per, Khimm. Prom-St', No. 3, 1957,
pp 47-48
NLL/M.8077

Sci -
July 1957 334-451

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Influence of Mass and Heat Transfer Processe on the Ethylene Oxidation Reaction Rate, by M. G Slin'ko, 30 pp.

RUSSIAN, per, Khim Prom, No 3, 1958, pp 10-18.

AEC TT-922

Sci
Jun 61

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Kasatkin, A. G., Dytnerskii, Yu. I., and Umarov, S. U.
CALCUL DES COLONNES AVEC PLATEAUX À TROUS ET À GRILLES [K Raschetu Kolonn s Provol'nymi Tarelkami] [On the Computation of Columns with Running-Through Plates] tr. by Melnik. 28 Oct 59 [27]p. 32 refs. CEA Trans. no. R 767 (text in French).
Order from OTS or SLA $2.60 61-23741

Trans. in French of Khim[icheskaya] Promyshl[ennost'] (USSR) 1958, no. 3, p. 38-45.

DESCRIPTORS: *Fractionation, *Distillation plants, Mixtures, Separation, Vapors, Liquids.

(Engineering--Chemical, TT, v. 6, no. 6)

61-23741

I. Kasatkin, A. G.
II. Dytnerskii, Yu. I.
III. Umarov, S. U.
IV. CEA-tr-R767
V. Commissariat à l'Énergie Atomique (France)

176670

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Apparatus for Continuous Flow Vulcanization of Rubber Articles, by A. V. Kollegin, N. V. Koropaltsev. USSR.

RUSSIAN, per, Khim Prom, No 3, 1958, pp 58, 59.

DSIR LIU RRS 1057

5s. 0d.

Sci - Chem
Aug 59

94, 833

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Tube Reactor for Continuous Polymerization in Emulsions, by A. F. Kalaus, et al. UNCL

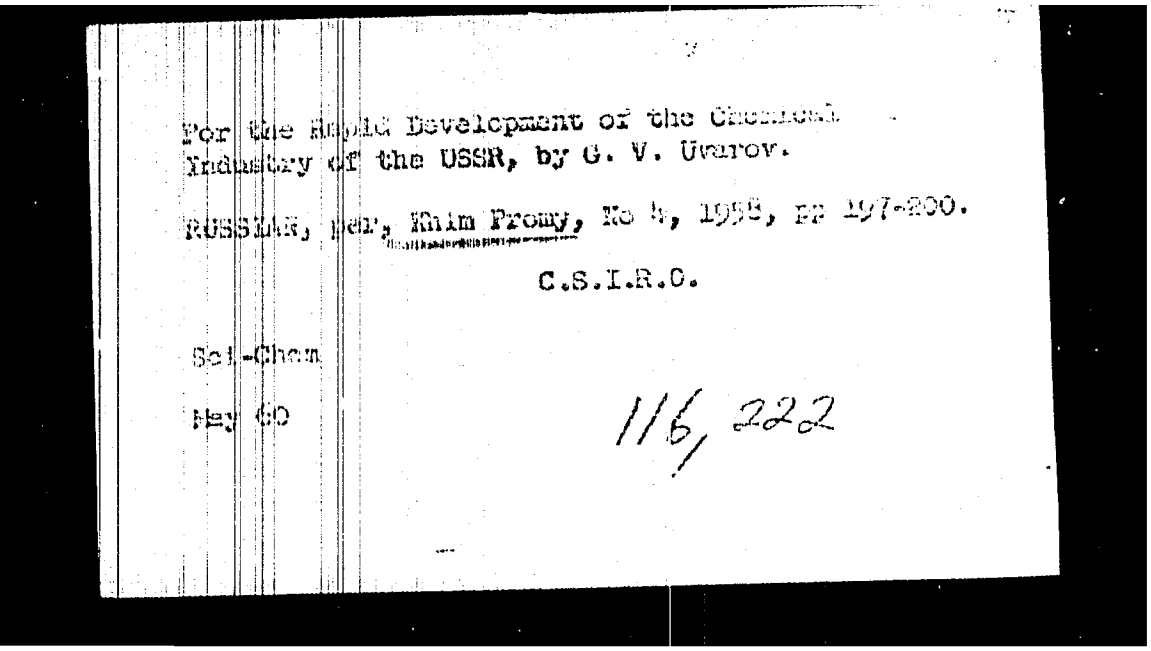
RUSSIAN, per, Khim, Prom, No 3, 1958, pp 133-138.

*DSIR/TCL 114

Sci - Chem; Phys
Mar 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



For the Rapid Development of the Chemical Industry of the USSR, by G. V. Uvarov.

RUSSIAN, Per', Khim Promy, No 4, 1958, pp 197-200.

C.S.I.R.C.

Sel-Chem

Hay 60

116, 222

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Synthesis of Hexamethylene Diamine by Catalytic Hydration of Adiponitryl in a Constant Flow, by Z. S. Vanyushina, M. S. Vilesova, G. A. Chistyakova, 12 pp.

RUSSIAN, per, Khim Prom, No 4, 1958, pp 205-208.

SLA 60-18986

Sol

Apr 61

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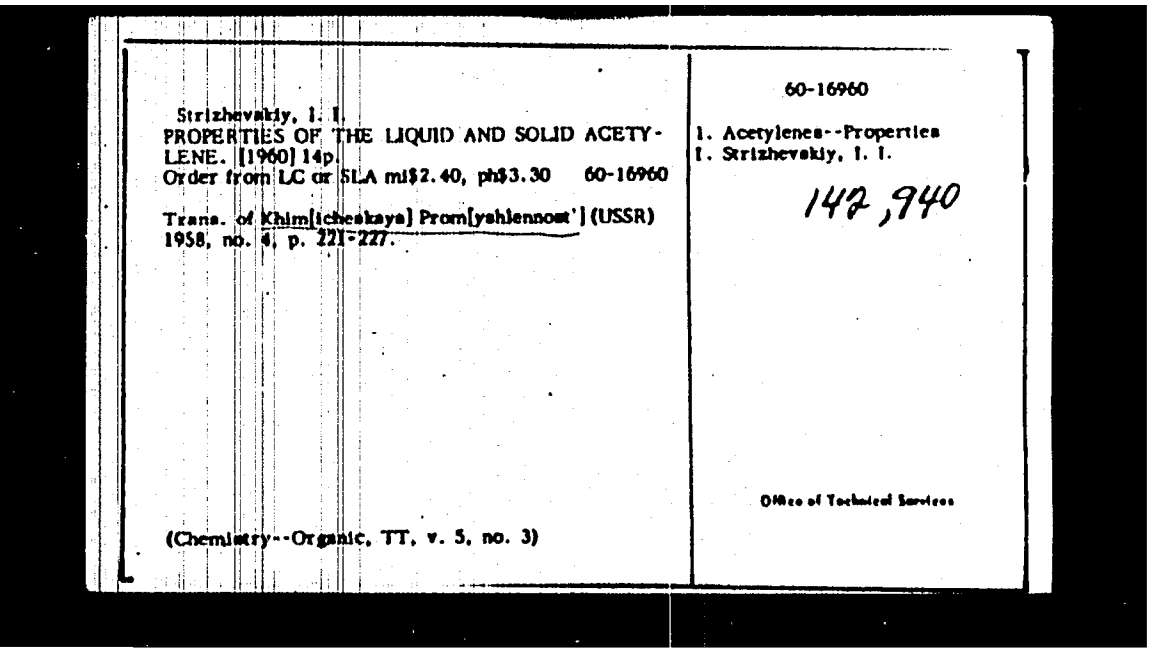
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Strizhevskiy, I. I.
PROPERTIES OF THE LIQUID AND SOLID ACETYLENE. [1960] 14p.
Order from LC or SLA mi$2.40, ph$3.30 60-16960

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1958, no. 4, p. 221-227.

(Chemistry--Organic, TT, v. 5, no. 3)

60-16960

1. Acetylenes--Properties
I. Strizhevskiy, I. I.

142,940

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Epoxide Lacquer Resins, by M. F. Sorokin.

RUSSIAN, per, Khim Prom, No 5, 1958, pp 54-60.

*ATIC F-TS-9851/III

Sci - Chem

Dec 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Main Properties of Some Soviet Ion Exchangers,
by A. B. Pashkov. UNCL

RUSSIAN, per, Khim Prom, No 5, 1958,
pp 270-276.

LLU
DSIR/RTS 1340

[redacted] (17s. 6d.)

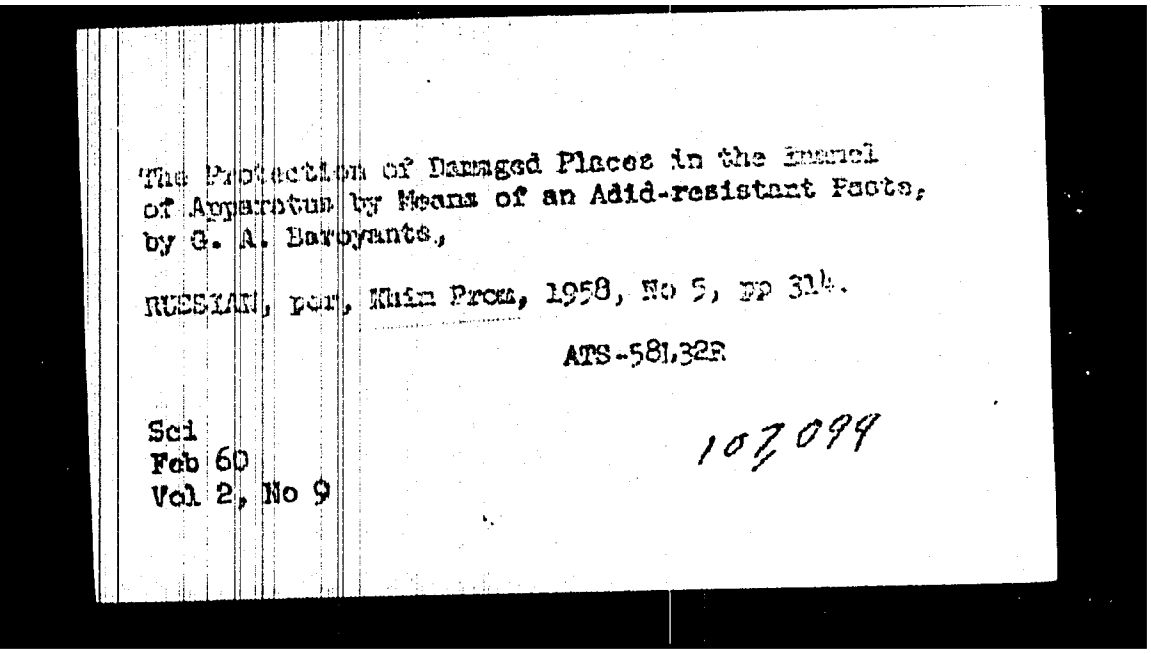
Sci - Chem

Feb 60

108,359

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



The Protection of Damaged Places in the Enamel of Apparatus by Means of an Acid-resistant Paste, by G. A. Baroyants,

RUSSIAN, per, Khim Prom, 1958, No 5, pp 314.

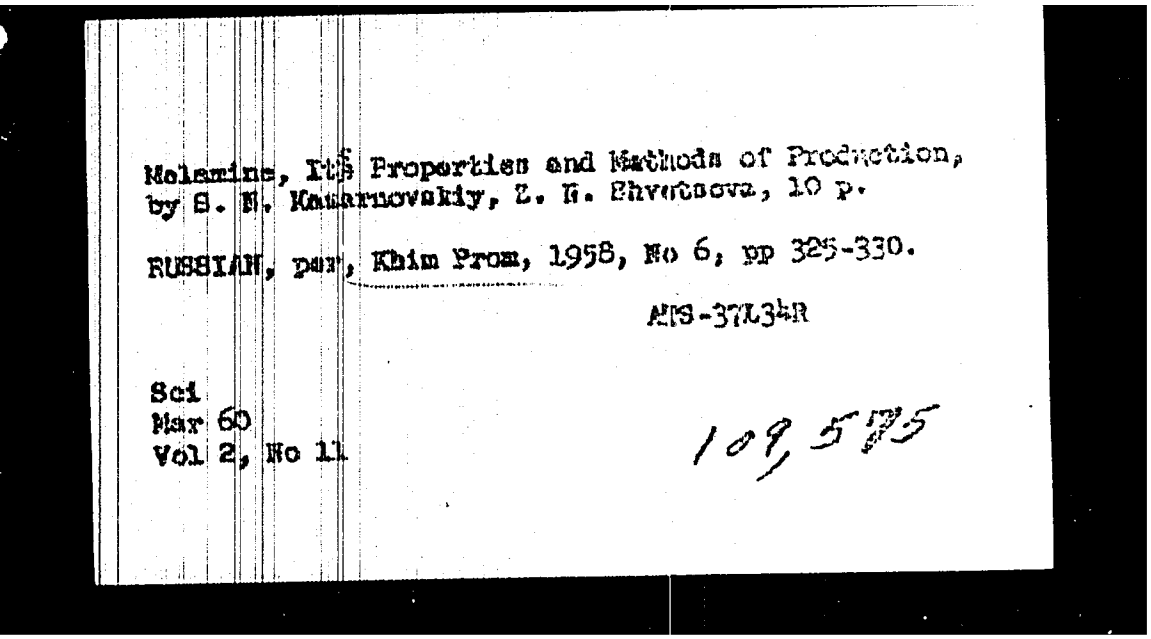
ATS-581,32R

Sci
Feb 60
Vol 2, No 9

107099

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Melamine, Its Properties and Methods of Production,
by S. N. Kmarnovskiy, Z. N. Shvetsova, 10 p.

RUSSIAN, pam, Khim Prom, 1958, No 6, pp 325-330.

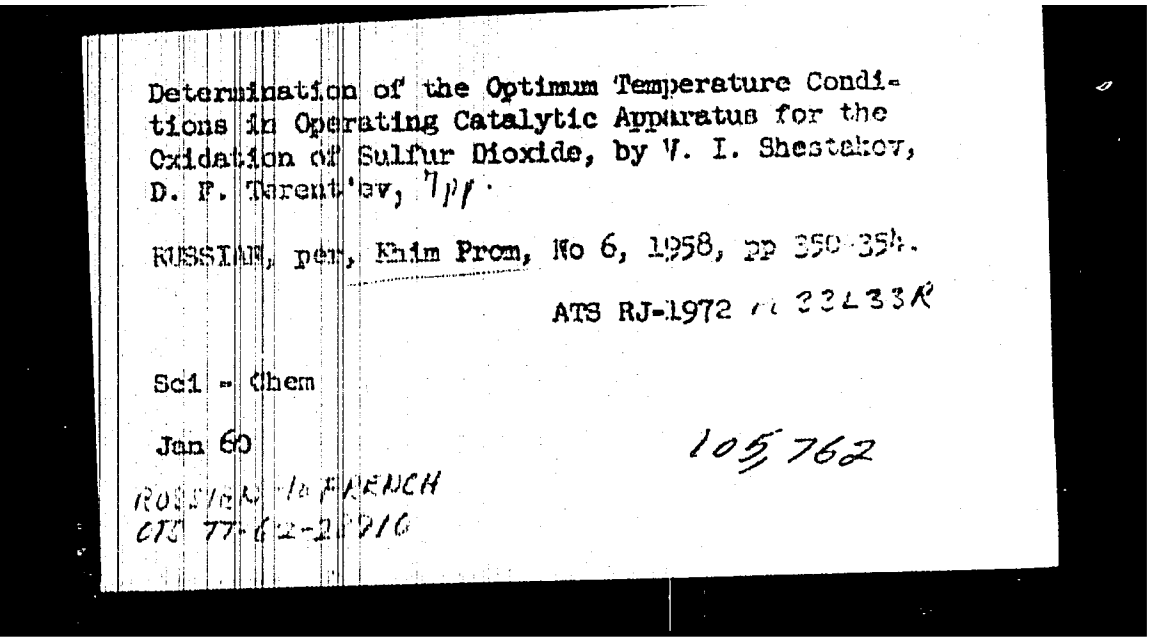
AMS-37L34R

Sci
Mar 60
Vol 2, No 11

109,585

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Determination of the Optimum Temperature Conditions in Operating Catalytic Apparatus for the Oxidation of Sulfur Dioxide, by V. I. Shestakov, D. F. Tarent'ev, 7pp.

RUSSIAN, per, Khim Prom, No 6, 1958, pp 350-354.

ATS RJ-1972 [illegible]

Sci - Chem

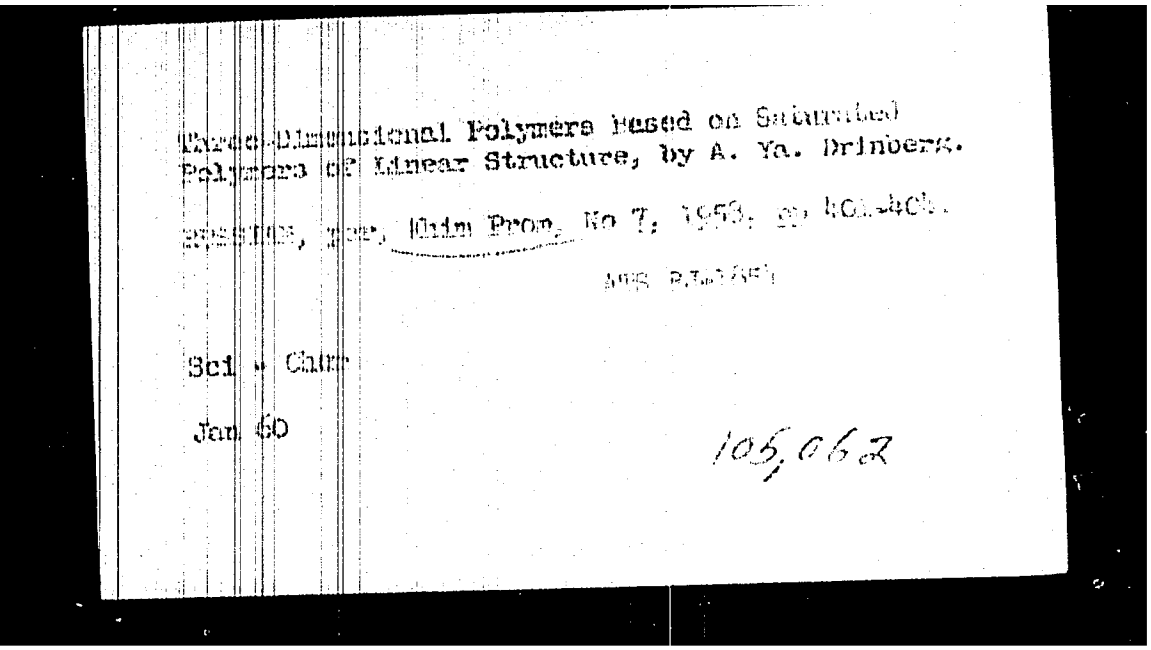
Jan 60

105762

RUSSIAN to FRENCH
CTS 77-62-2[illegible]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Three-Dimensional Polymers Based on Saturated Polymers of Linear Structure, by A. Ya. Drinberg.

[illegible], 1958, Plast Prom, No 7, 1958, pp [illegible].

[illegible]

Sci - Chem

Jan 60

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Dehydrogenation of n-Butane in a Semiworks Unit on a Moving Spherical Catalyst, by A. N. Bushin, B. Ya. Soldatov, et al, 8 ppl

RUSSIAN, per, Khim Prom, No 7, 1958, pp 406-409.

ATS 52L3CR

Sci - Chem
Sep 59
Vol 2, No 2

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

(NY-3000).

A Method of Eliminating Surface Defects From Ftoroplast-3 (Polytrifluorochloroethylene), by T. N. Nikolayeva, V. G. Kuryatnikova, 1 p.

RUSSIAN, per, Khimicheskaya Promyshlennost', No 8, Dec 1958, pp 47, 48.

JPRS-1734-N

USSR
Econ - Technological - USSR Industry
Apr 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Rapid Rate of Development of the Chlorine Industry in the Soviet Union, by V. G. Fleishman.
UNCL.

RUSSIAN, Zur, Khim Prom, No 1, 1959, pp 9-16.

DSIR LLL RTS 1344

(Ll. Cs. Cd.)

111,082

Sci - Chem

Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

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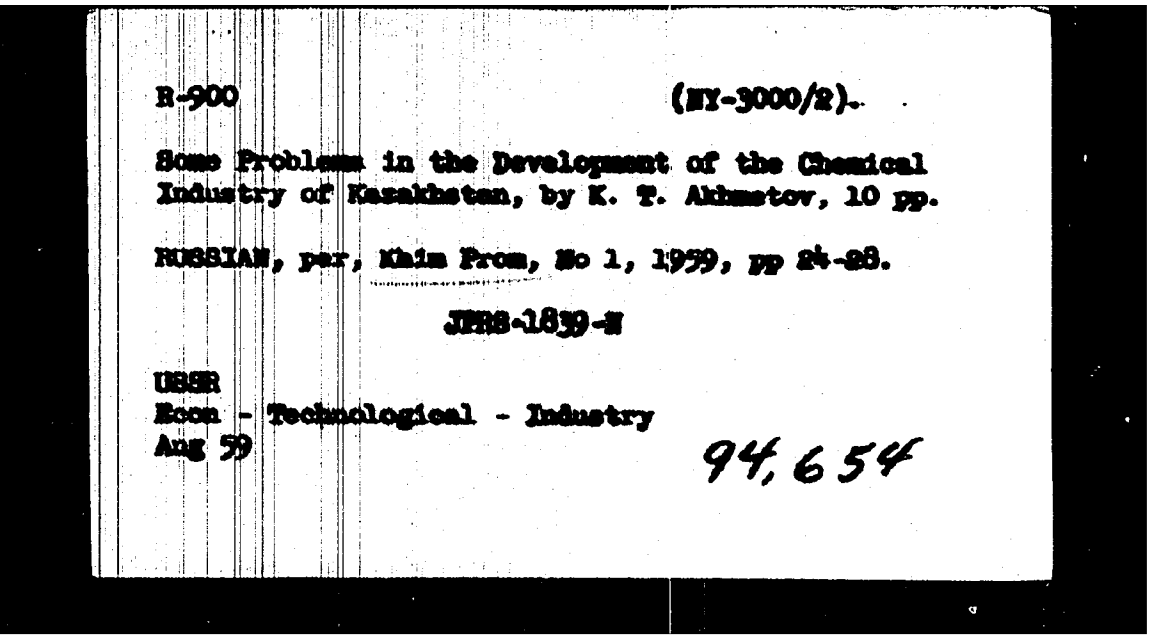

R-900 (NY-3000/2).

Some Problems in the Development of the Chemical Industry of Kazakhstan, by K. T. Akhmetov, 10 pp.

RUSSIAN, per, Khim Prom, No 1, 1959, pp 24-28.

JPRS-1839-N

USSR
Econ - Technological - Industry
Aug 59

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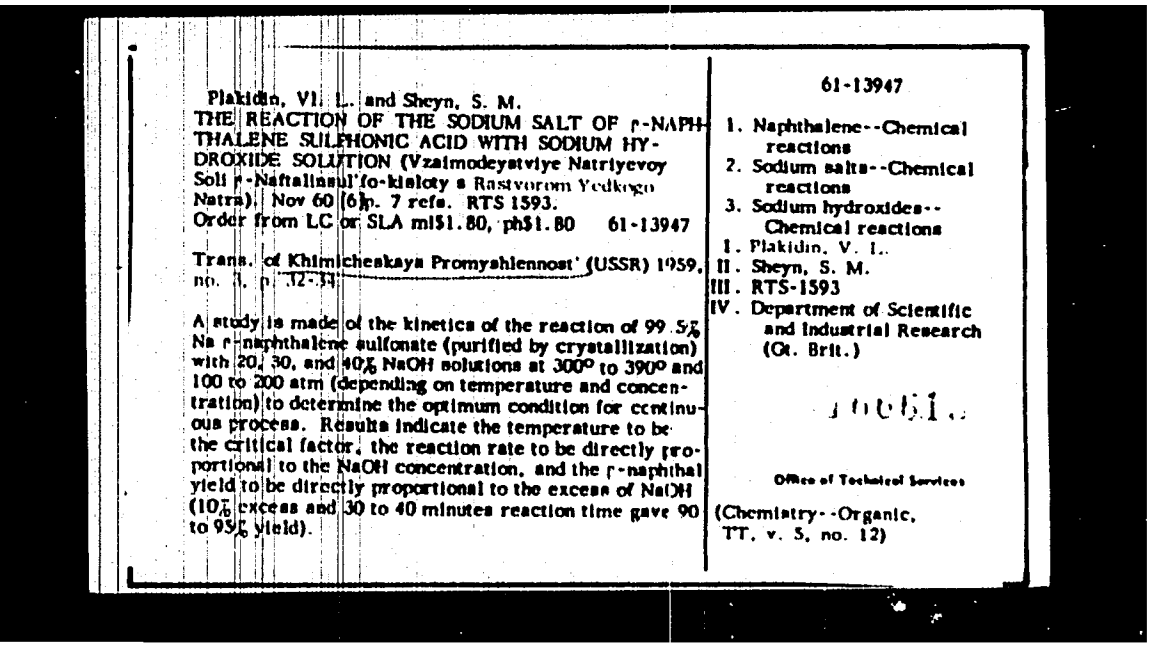
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Plakidin, Vl. L. and Sheyn, S. M.
THE REACTION OF THE SODIUM SALT OF β-NAPHTHALENE SULFHONIC ACID WITH SODIUM HYDROXIDE SOLUTION (Vzaimodeystviye Natriyevoy Soli β-Naftalinsul'fo-kisloty s Rastvorom Yedkogo Natra). Nov 60 (6)p. 7 refs. RTS 1593.
Order from LC or SLA mi$1.80, ph$1.80 61-13947

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 3, p. 32-34

A study is made of the kinetics of the reaction of 99.5% Na β-naphthalene sulfonate (purified by crystallization) with 20, 30, and 40% NaOH solutions at 300° to 390° and 100 to 200 atm (depending on temperature and concentration) to determine the optimum condition for continuous process. Results indicate the temperature to be the critical factor, the reaction rate to be directly proportional to the NaOH concentration, and the β-naphthal yield to be directly proportional to the excess of NaOH (10% excess and 30 to 40 minutes reaction time gave 90 to 95% yield).

61-13947

1. Naphthalene--Chemical reactions
2. Sodium salts--Chemical reactions
3. Sodium hydroxides--Chemical reactions

I. Plakidin, V. L.
II. Sheyn, S. M.
III. RTS-1593
IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 12)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Methodes Industrielles de Production de l'Eau Lourde, (Industrial Methods for Production of Heavy Water), by N. M. Zhavoronkov, K. I. Vakodynskiy, 70 pp.

RUSSIAN to FRENCH, per, Khim Prom, Vol III, 1959, pp 35-38.

Reverse Trans
CEA Tr-R-1315

Sci
Sep 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The experimental automation of the production of weak nitric acid, by L. V. Rashkovan, et al.
RUSSIAN, per, Khim. prom. , 1959,
No 1, pp 73-79
NLL 5828.4F (11992)

Sci - Chem Tech
May 67

325,838

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

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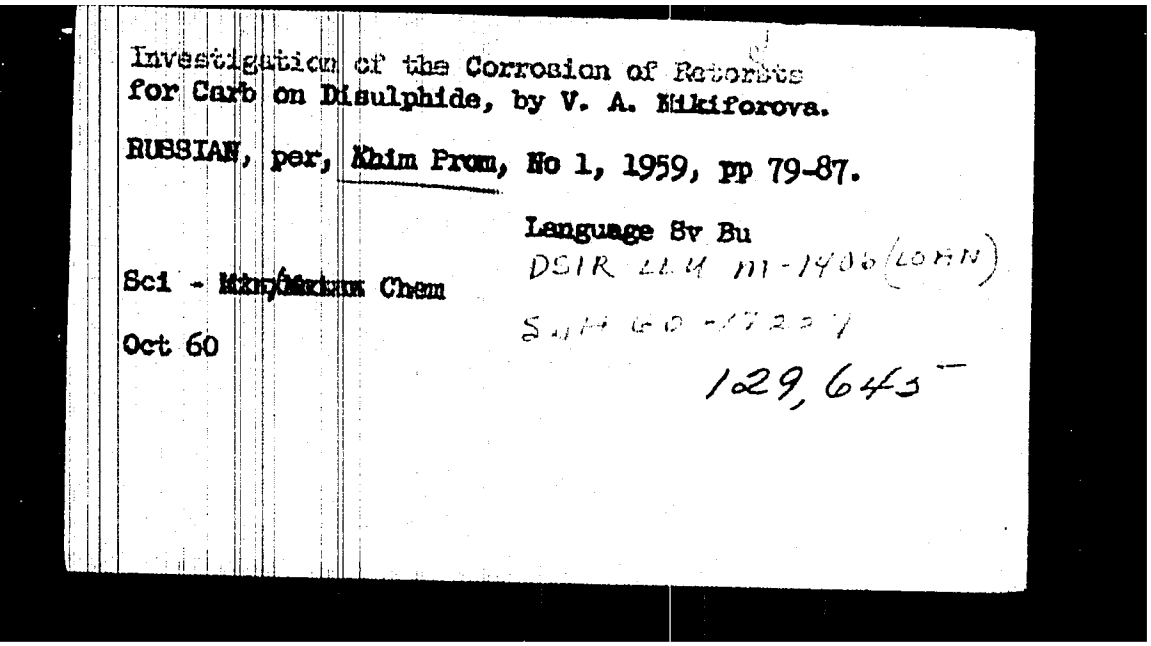

Investigation of the Corrosion of Retorts
for Carb on Disulphide, by V. A. Mikiforova.

RUSSIAN, per, Khim Prom, No 1, 1959, pp 79-87.

Language Sv Bu

DSIR 22.4 M-1406 (LOHN)

Sci - Min Chem

Oct 60

129,645

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Theory of the Fluidized Bed, by Ya. Borzuak, D. Solxal,

RUSSIAN, per, Khim Prom, Vol XXXIV, No 1, 1959,
pp 62-68.

ATE RJ-2210

Sci . Chem

May 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Prospects of the Realization of Radiation Chemical Processes In the Chemical Industry, by M. A. Proskurnin, 21 pp.

RUSSIAN, per, Khim Prom, No 2, 1959, pp 7-14.

ATIC MCL-586/III

Sci - Chem

Oct 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

The Reaction of the Sodium Salt of β-Naphthalene Sulphonic Acid With Sodium Hydroxide Solution, by Vl. L. Plakidin, S. M. Shein.

RUSSIAN, per, Khim Prom, No 3, 1959, pp 32-34.

DEIR LLU RTS 1593

128,864

Sci - Chem

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

S-495/60 (DC-4104)

Industrial Methods of Obtaining Heavy Water, by N. M. Zhavoronkov, K. I. Sakodynskiy, 64 pp.

RUSSIAN, per, Khim Prom, No 3, 1959, pp 35-48.

JPRS 5064

Sci - Chem

Jul 60

121,451

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Eighth Mendeleyevian Congress on General and Applied Chemistry, by N. M. Zhavoronkov, 24 pp. UNCL

RUSSIAN, per, Khim Prom, No 4, 1959, pp 1-10.

ATIC MCL-414/V

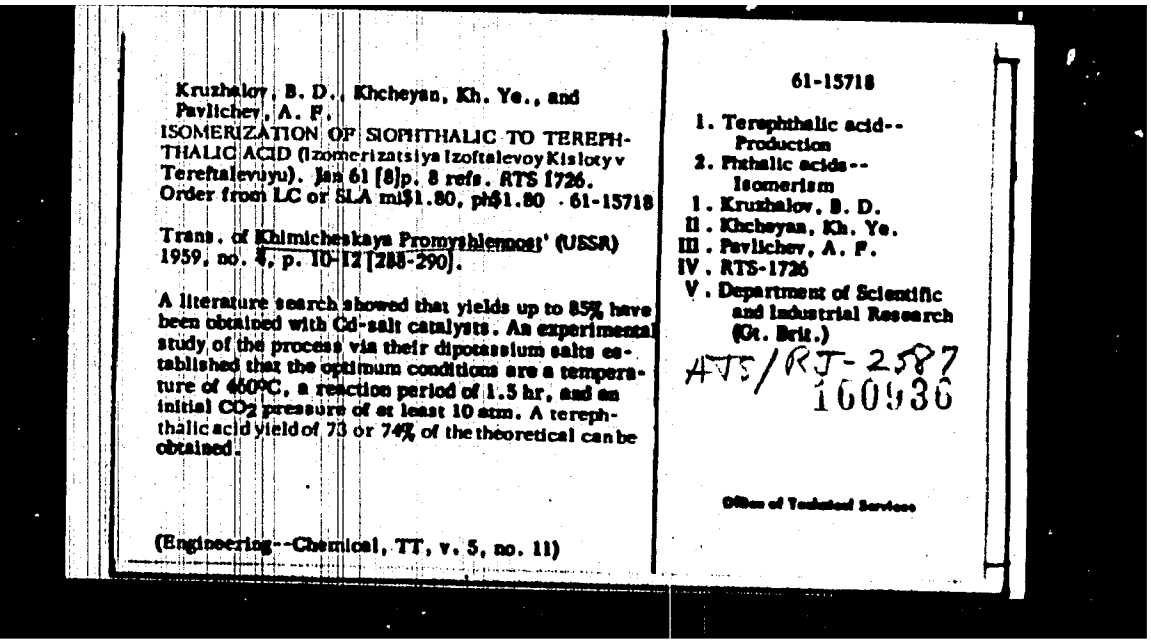
Sci - Chem

May 60

116,451

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Kruzhalov, B. D., Khcheyan, Kh. Ye., and Pavlichev, A. F.
ISOMERIZATION OF ISOPHTHALIC TO TEREPHTHALIC ACID (Izomerizatsiya Izoftalevoy Kisloty v Tereftalevuyu). Jan 61 [8]p. 8 refs. RTS 1726. Order from LC or SLA mi$1.80, ph$1.80 · 61-15718

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 8, p. 10-12 [288-290].

A literature search showed that yields up to 85% have been obtained with Cd-salt catalysts. An experimental study of the process via their dipotassium salts established that the optimum conditions are a temperature of 460°C, a reaction period of 1.5 hr, and an initial CO_2 pressure of at least 10 atm. A terephthalic acid yield of 73 or 74% of the theoretical can be obtained.

(Engineering--Chemical, TT, v. 5, no. 11)

61-15718

1. Terephthalic acid--Production
2. Phthalic acids--Isomerism

I. Kruzhalov, B. D.
II. Khcheyan, Kh. Ye.
III. Pavlichev, A. F.
IV. RTS-1726
V. Department of Scientific and Industrial Research (Gt. Brit.)

ATS/RJ-2587
160936

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Synthesis of Diisopropylbenzene Hydrogen Peroxide and Testing its Initiating Properties in the Process of Deriving SKS-30 A Butadiene-Styrene Rubber, by V. P. Shatalov, Ye. N. Popova, et al, 9 pp. UNCL

RUSSIAN, per, Khim Prom, No 4, [illegible] 1959, pp 13-15.

ASTIA MCL-414/V

Sci-Chem

May 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Electrochemical Methods of Synthesizing Certain Initial Materials for High Polymers, by V. G. Khomyakov, M. Ya. Fioshin, A. P. Tomilov, 13 pp. M UMCL

RUSSIAN, par, Khim Prom, No 4, 1959, pp 16-20.

ASTIC MCL-414/V

Sci - Chem

May 60

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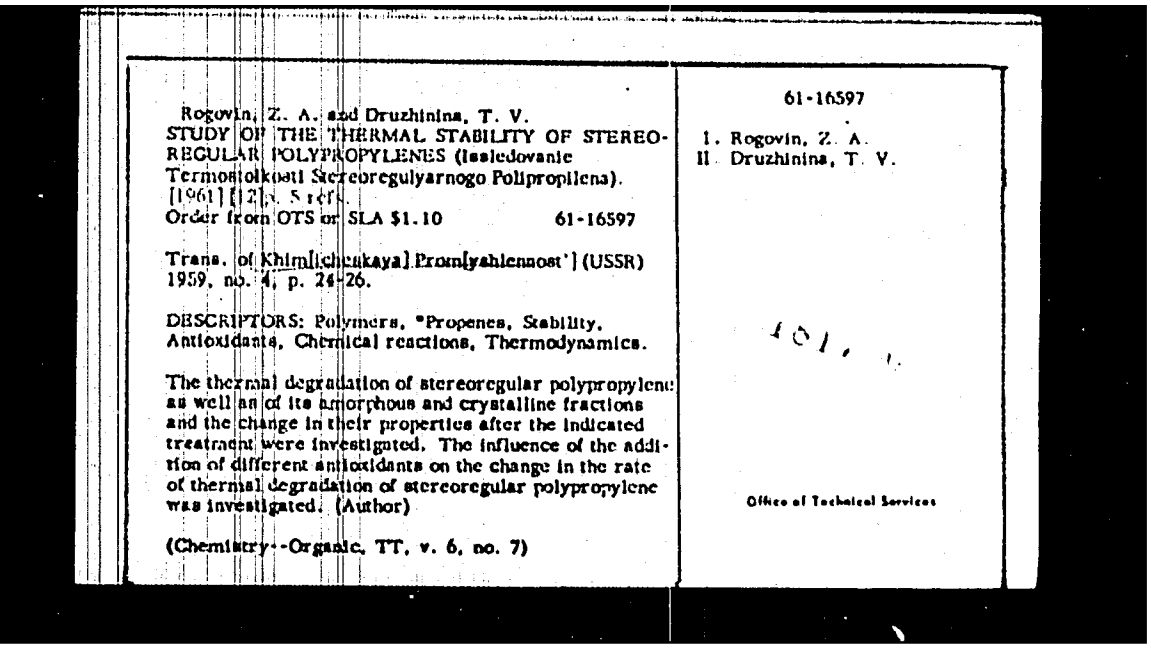
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



Rogovin, Z. A., and Druzhinina, T. V.
STUDY OF THE THERMAL STABILITY OF STEREOREGULAR POLYPROPYLENES (Issledovanie Termostoikosti Stereoregulyarnogo Polipropilena).
[1961] [12] p. 5 refs.
Order from OTS or SLA $1.10 61-16597

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 4, p. 24-26.

DESCRIPTORS: Polymers, *Propenes, Stability, Antioxidants, Chemical reactions, Thermodynamics.

The thermal degradation of stereoregular polypropylene as well as of its amorphous and crystalline fractions and the change in their properties after the indicated treatment were investigated. The influence of the addition of different antioxidants on the change in the rate of thermal degradation of stereoregular polypropylene was investigated. (Author)

(Chemistry--Organic, TT, v. 6, no. 7)

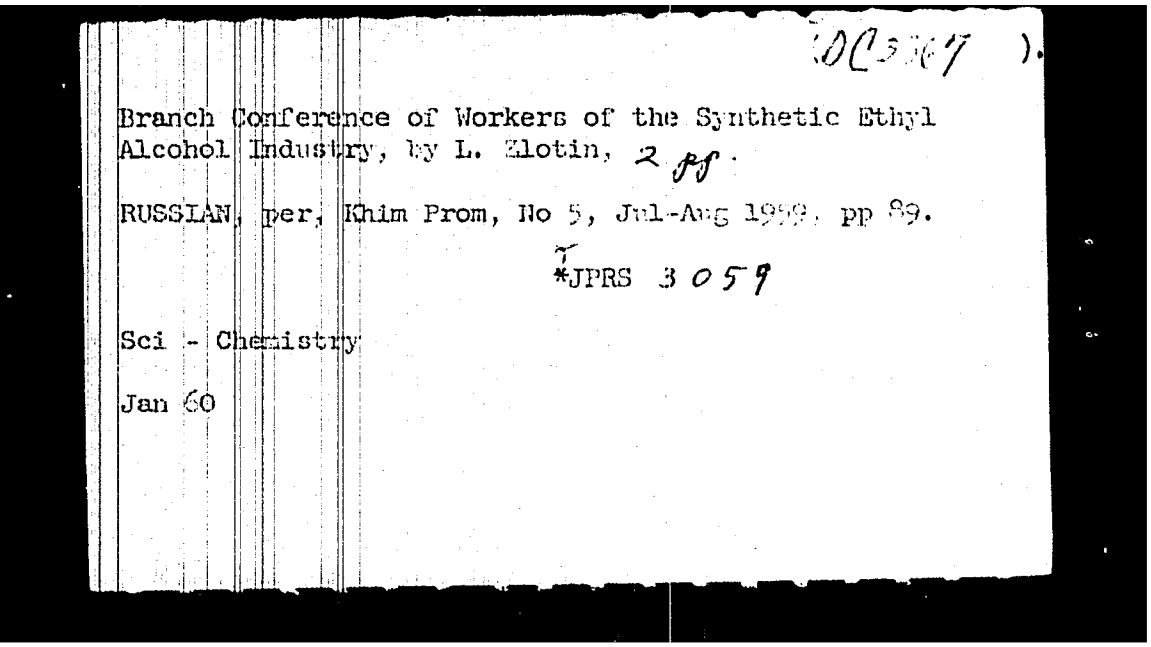
61-16597

I. Rogovin, Z. A.
II. Druzhinina, T. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1



(DC3367).

Branch Conference of Workers of the Synthetic Ethyl Alcohol Industry, by L. Zlotin, 2 pp.

RUSSIAN, per; Khim Prom, No 5, Jul-Aug 1959, pp 89.

*JPRS 3059

Sci - Chemistry

Jan 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130055-1

Golovanenko, V. I. and Kruzhalov, B. D.
SCIENTIFIC-INVESTIGATIONAL RESEARCHES OF MEMBERS OF THE MENDELEEV VKhO. [1964] 8p
Order from K-H $4.80 K-H-13077-b

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 4, p. 139-140.

(Research Methods, Techniques and Equipment, TT, v. 12, no. 1)

TT-64-12847

I. Golovanenko, V. I.
II. Kruzhalov, B. D.
III. K-H-13077-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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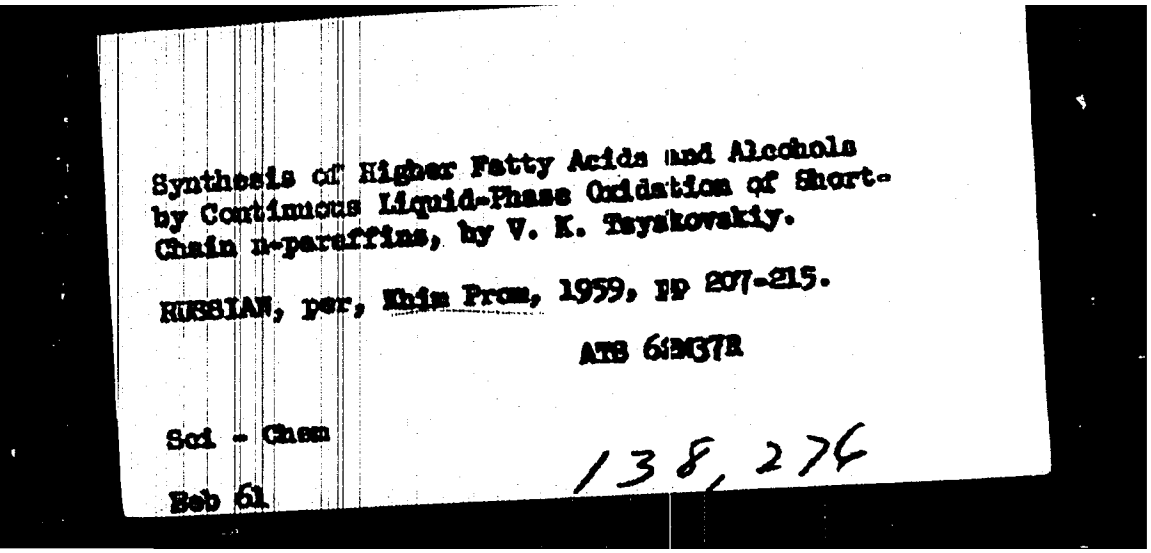

Synthesis of Higher Fatty Acids and Alcohols by Continuous Liquid-Phase Oxidation of Short-Chain n-paraffins, by V. K. Tsyskovskiy.

RUSSIAN, per, Khim Prom, 1959, pp 207-215.

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Vapor-Phase Catalytic Hydration of Propylene to Isopropyl Alcohol, by M. A. Dalin, V. M. Mamedova, A. S. Kasparov, 6 pp.

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ATS-31M40R
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Production of Metallic Potassium by the Vacuum-Thermic Method, by A. Yu. Tayts, V. M. Chel'tsov, 10 pp.

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JPRS 3517

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The Removal of SO_2 From Flue Gases in a Bubbling Foam Absorber, by B. A. Chertkov.

RUSSIAN, per, Khim Prom, No 5, 1959, pp 413-417.

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Apr 62

191,430

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The Explosion Dangers in Dinitro Compounds of the Benzene Series, by I. F. ~~EKX~~ Blinov.

RUSSIAN, per, Khim Promyshlennost', 1959, pp 419-425. ~~9203654~~

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The Speeds of Irregular Particles in Fluidised Bed, by J. Beranek, et al.

RUSSIAN, per, Khim Prom, No 5, 1959, pp 430-435.

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Yerofeyev, A. A. and Tyabin, N. V.
MIXING OF VISCOUS-PLASTIC DISPER[illegible]D SYSTEMS WITH THE AID OF A STIRRER. [1960] 10p.
Order from ATS $15.60 ATS-17M46R

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 5, p. 436-441.

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(Engineering--Chemical, TT, v. 5, no. 5)

61-12289

1. Polymer solutions--Viscosity
2. Colloids--Preparation
3. Stirrers--Applications
I. Yerofeyev, A. A.
II. Tyabin, N. V.
III. ATS-17M46R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS/ART-2936

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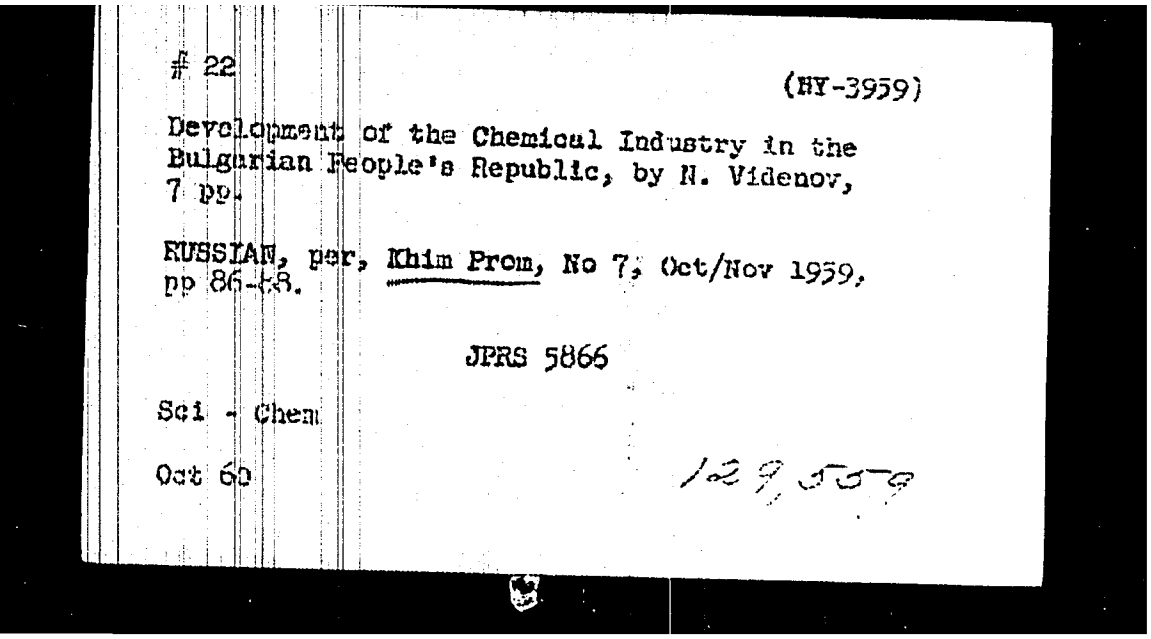

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(HY-3959)

Development of the Chemical Industry in the Bulgarian People's Republic, by N. Videnov, 7 pp.

RUSSIAN, per, Khim Prom, No 7, Oct/Nov 1959, pp 86-88.

JPRS 5866

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Khomyakov, V. G. and Tomilov, A. P.
EXAMPLES OF POSSIBLE APPLICATIONS OF ELECTROLYSIS OF ORGANIC COMPOUNDS IN INDUSTRY. [1962] [16]p. 72 refs.
Order from OTS or SLA $1.60 62-20371

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 7, p. 566-573.

DESCRIPTORS: *Electrolysis, *Organic compounds, Industries, *Electrochemistry, Acetones, Anodes, Cathodes, Chemical engineering.

Several processes are examined whose accomplishment by the electrochemical method is of interest to industry. These include oxidation, displacement and free radical formation at the anode, and reduction of multiple C-C bonds, reduction of functional groups, halogen displacement by hydrogen and formation of free radicals at the cathode.
(Chemistry--Physical, TT, v. 9, no. 10)

62-20371

I. Khomyakov, V. G.
II. Tomilov, A. P.

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Trostyanskaya, E. B., Makarova, S. B., and Tevlina, A. S.
CHLOROMETHYLATED COPOLYMERS OF VINYL AROMATIC COMPOUNDS (Khlormetilirovanie Sopolimerov Vinilaromaticheskikh Soedinenii). July 61 [7]p. 11 refs. RTS 1802.
Order from OTS or SLA $1.10 61-27189

Trans. of Khimicheskaya Promyshlennost' (USSR) 1959, no. 7, p. 577-580.

DESCRIPTORS: *Chlorides, Methyl ethers, *Polymers, *Styrenes, Chemical reactions, Copolymerization, *Vinyl radicals.

Investigations show that the degree of cross-linking obtained on the chloromethylation of linear styrene copolymers diminishes with increasing content of aliphatic (not chlormethyl) linkages in the chain. This is explained by the reduced probability of contact between phenyl groups in neighbouring macromolecules.

(Chemistry--Organic, TT, v. 6, no. 6)

61-27189

1. Title: Chloromethylation
I. Trostyanskaya, E. B.
II. Makarova, S. B.
III. Tevlina, A. S.
IV. RTS-1802
V. Department of Scientific and Industrial Research (Gt. Brit.)

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